

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"813116".apn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 09:17
S3	993	resonan\$2 adj tunnel\$3 adj diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 09:18
S6	3	"3319080".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 09:24
S5	3	"3560750".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 09:24
S8	27	resonan\$2 adj tunnel\$3 adj diode and regenerat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 09:38
S12	3	tunnel\$3 adj diode and repeater and photodiode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 09:41
S11	12	resonan\$2 adj tunnel\$3 adj diode and repeat\$3 and photodiode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 09:41

## EAST Search History

S13	83	tunnel\$3 adj diode and repeater	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 09:47
S14	2	"5825240".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 10:02
S16	0	EP0706225	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 10:10
S7	13	resonan\$2 adj tunnel\$3 adj diode and repeater	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 10:31
S18	29	resonan\$2 adj tunnel\$3 and repeater	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 10:32
S17	2	resonan\$2 adj tunnel\$3 and signal adj regenerat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 10:32
S4	81	resonan\$2 adj tunnel\$3 adj diode and (detector or photodetector) and switching	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 10:49

## EAST Search History

S20	2	"4,985,621 ".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 10:59
S15	2	"6008917".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 10:59
S19	31	resonan\$2 adj tunnel\$3 adj diode and (photodiode) and switching	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 11:14
S22	143	tunnel\$3 adj diode and (photodiode) not S21 not S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 11:17
S24	43	resonan\$2 adj tunnel\$3 adj diode and (optical adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 11:29
S21	33	resonan\$2 adj tunnel\$3 adj diode and (photodetector) and switching	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 11:29
S48	993	resonan\$2 adj tunnel\$3 adj diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59

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S47	43	resonan\$2 adj tunnel\$3 adj diode and (optical adj detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S46	29	resonan\$2 adj tunnel\$3 and repeater	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S45	143	tunnel\$3 adj diode and (photodiode) not S44 not S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S44	33	resonan\$2 adj tunnel\$3 adj diode and (photodetector) and switching	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S43	2	"6008917".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S42	31	resonan\$2 adj tunnel\$3 adj diode and (photodiode) and switching	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S41	2	resonan\$2 adj tunnel\$3 and signal adj regenerat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59

## EAST Search History

S40	2	"4,985,621 ".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S39	3	tunnel\$3 adj diode and repeater and photodiode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S38	2	"5825240".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S37	3	"3560750".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S36	83	tunnel\$3 adj diode and repeater	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S35	0	EP0706225	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S34	27	resonan\$2 adj tunnel\$3 adj diode and regenerat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59

## EAST Search History

S33	81	resonan\$2 adj tunnel\$3 adj diode and (detector or photodetector) and switching	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S32	2	"813116".apn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S31	13	resonan\$2 adj tunnel\$3 adj diode and repeater	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S30	12	resonan\$2 adj tunnel\$3 adj diode and repeat\$3 and photodiode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S29	3	"3319080".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
S28	21	resonan\$2 adj tunnel\$3 adj diode and (optical adj detector) and switching	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 07:59
L4	6	("5889487"   "6344659"   "6348887"   "6373423"   "6509859"   "6573530").PN. OR ("6906650").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 08:11

## EAST Search History

L12	156	398/180.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/18 12:59
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